

FIG. 1

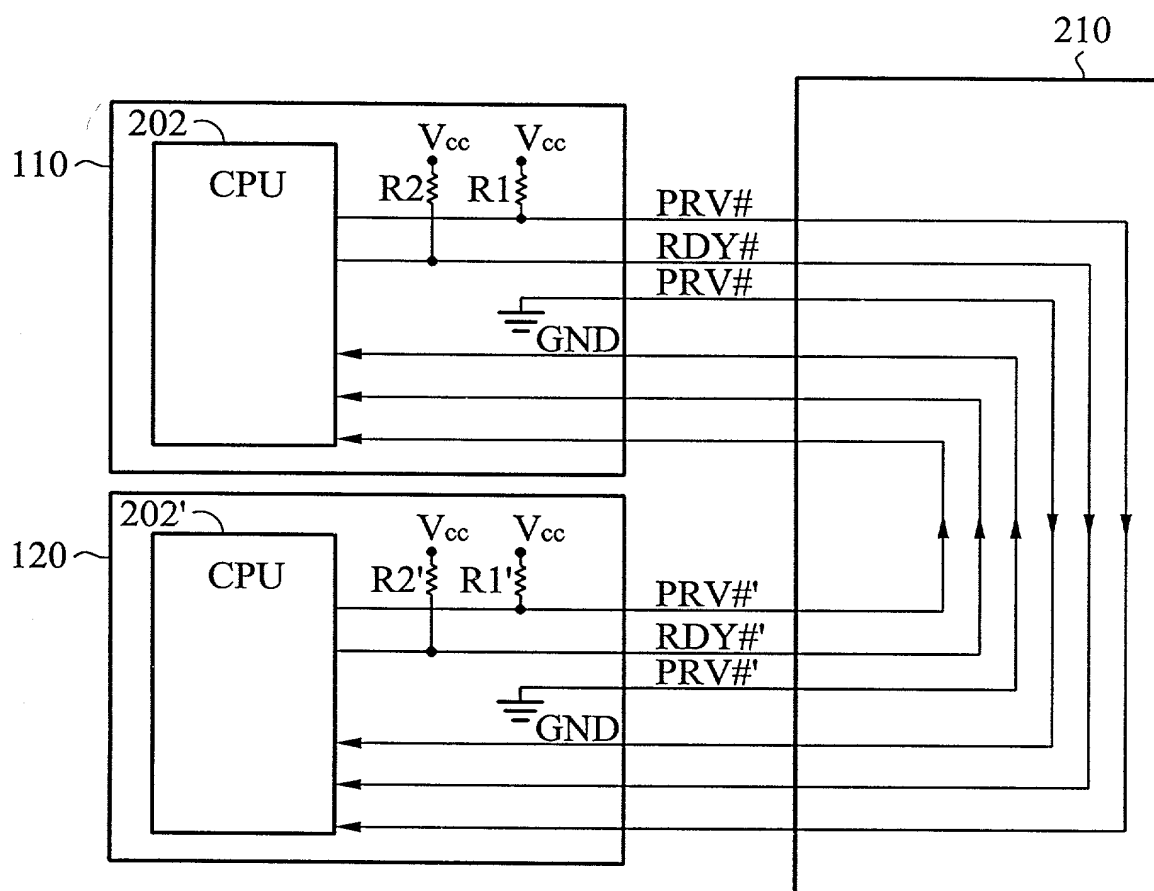


FIG. 2

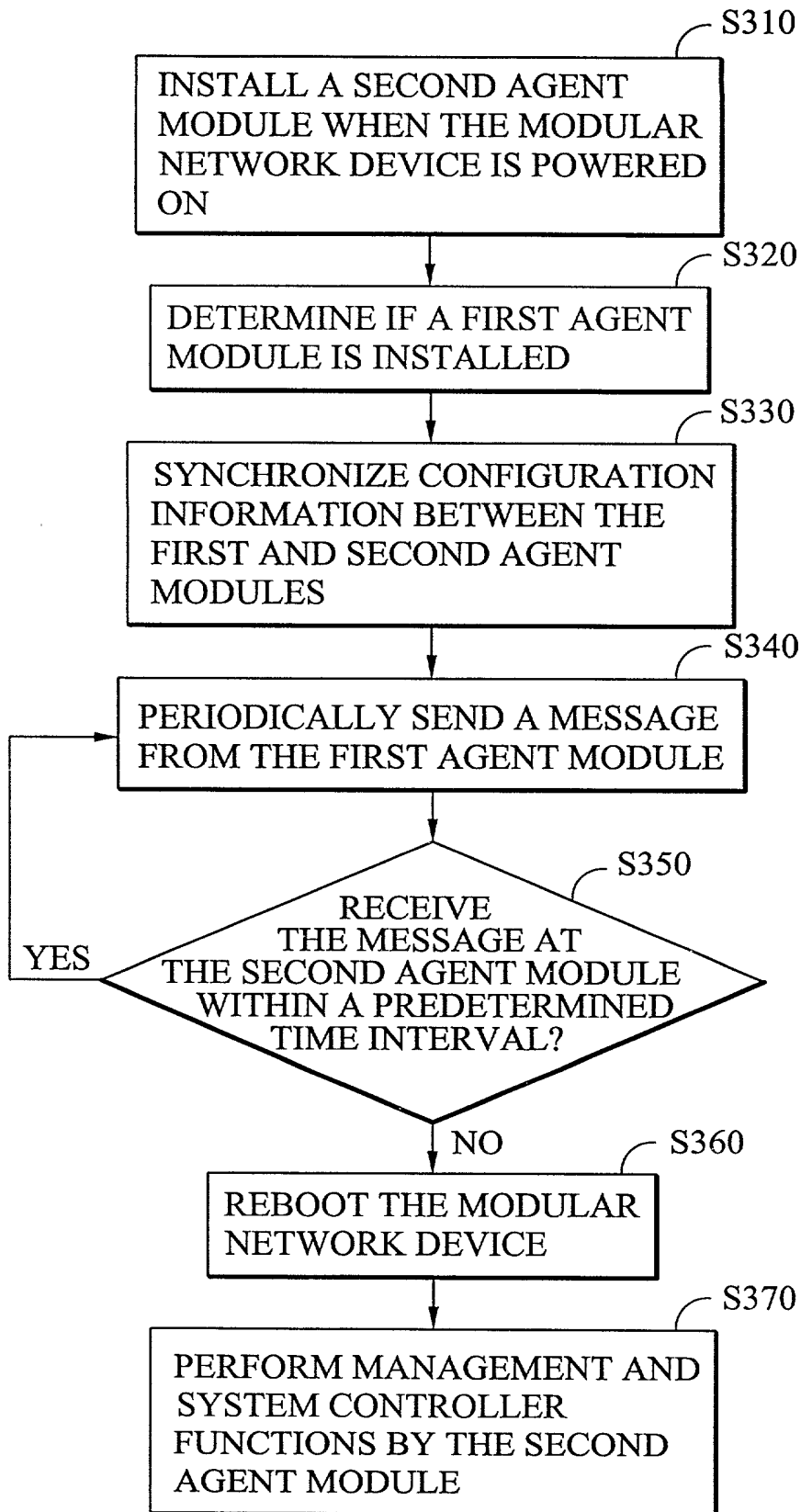


FIG. 3

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graph TD
    S410[BOOT A MODULAR NETWORK  
DEVICE WITH TWO AGENT  
MODULES] --> S420[DETERMINE THE PRIMARY AGENT  
MODULE AND THE BACKUP  
AGENT MODULE]
    S420 --> S430[SYNCHRONIZE CONFIGURATION  
INFORMATION BETWEEN THE  
PRIMARY AND BACKUP AGENT  
MODULES]
    S430 --> S440[PERIODICALLY SEND A MESSAGE  
FROM THE PRIMARY AGENT  
MODULE]
    S440 --> S450{RECEIVE  
THE MESSAGE AT  
THE BACKUP AGENT MODULE  
WITHIN A PREDETERMINED  
TIME INTERVAL?}
    S450 -- YES --> S440
    S450 -- NO --> S460[REBOOT THE MODULAR  
NETWORK DEVICE]
    S460 --> S470[PERFORM MANAGEMENT AND  
SYSTEM CONTROLLER FUNCTIONS  
BY THE BACKUP AGENT MODULE]

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FIG. 4

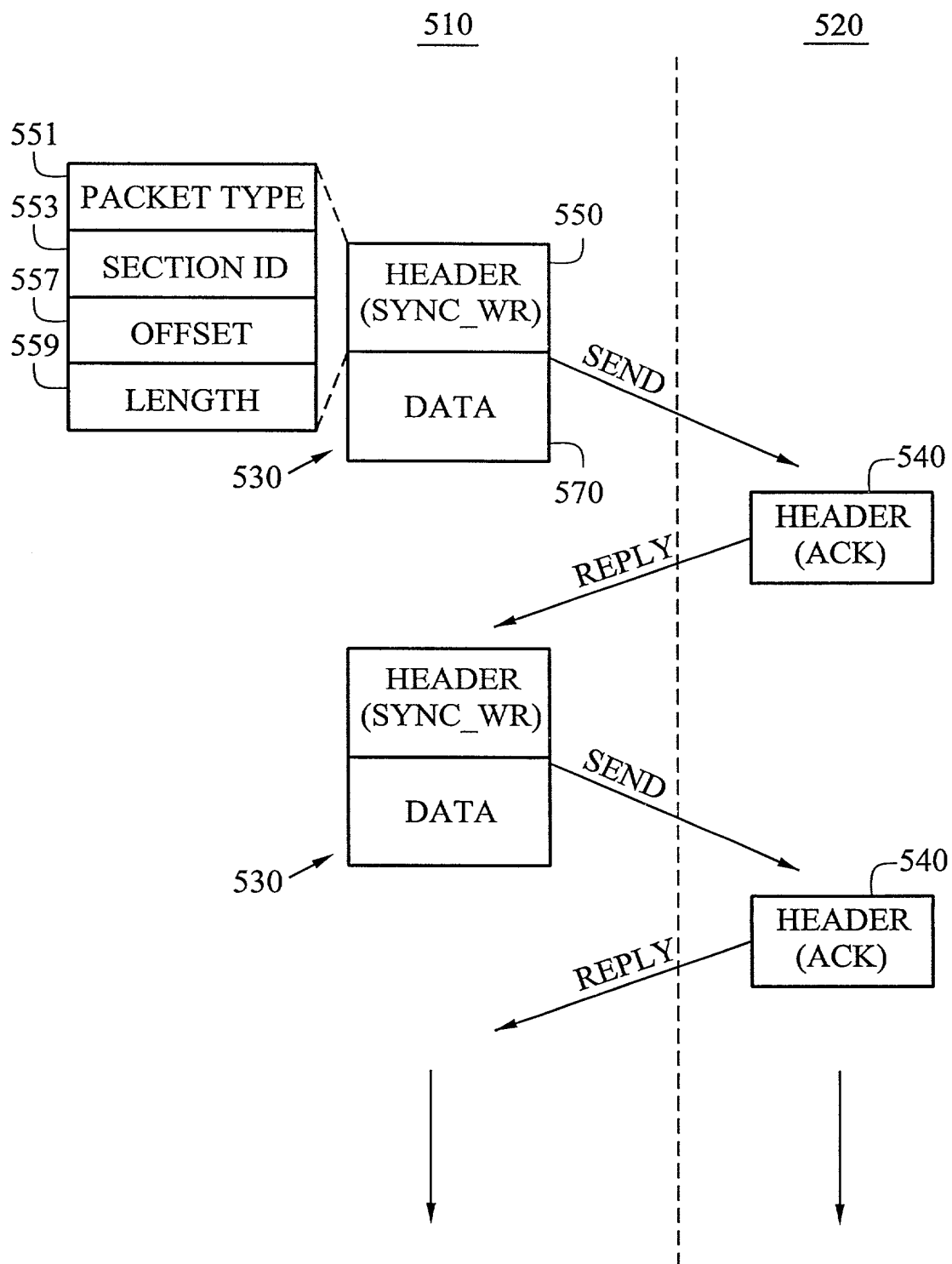


FIG. 5